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|---|--------------------------------|--|
| <b>Search Notes</b>   | <b>Application/Control No.</b> | <b>Applicant(s)/Patent Under Reexamination</b> |
|   | 09937730                       | TAKAHASHI ET AL.                               |
|  | <b>Examiner</b>                | <b>Art Unit</b>                                |
|   | GARY W COUNTS                  | 1641   |

### SEARCHED

| <b>Class</b> | <b>Subclass</b>         | <b>Date</b> | <b>Examiner</b> |
|--------------|-------------------------|-------------|-----------------|
| 435          | 7.1, 7.92, 970          | 06/22/04    | gc              |
| 436          | 518, 524, 169, 823, 826 | 06/24/04    | gc              |
| search       | updated                 | 12/30/04    | gc              |
| 422          | 56, 57                  | 08/31/05    | gc              |
| 435          | 287.7                   | 08/31/05    | gc              |
| 210          | 656                     | 08/31/05    | gc              |
| search       | updated                 | 08/31/05    | gc              |
| search       | updated                 | 01/11/06    | gc              |
| search       | updated                 | 12/05/07    | gc              |
| search       | updated                 | 04/17/08    | gc              |

### SEARCH NOTES

| <b>Search Notes</b>   | <b>Date</b> | <b>Examiner</b> |
|---|-------------|-----------------|
| Palm Inventors Search   | 06/22/04    | gc              |
| East/West, STN  | 06/22/04    | gc              |
| above search updated  | 12/30/04    | gc              |
| Consulted Dhiru Nakarani & Hoa Le A.U. 1733 concerning equivalence of surfactants                   | 05/06/05    | gc              |
| above search updated  | 08/31/05    | gc              |
| above search updated  | 01/11/06    | gc              |
| Appeals conference Long Le, SPE 1641 & Larry Helms, SPE 1643  | 01/29/07    | gc              |
| above search updated  | 12/05/07    | gc              |
| above search updated  | 04/17/08    | gc              |
| Consulted Long Le, SPE 1641 concerning applicant's arguments after final and maintaining rejections | 08/18/08    | gc              |

### INTERFERENCE SEARCH

| <b>Class</b> | <b>Subclass</b> | <b>Date</b> | <b>Examiner</b> |
|--------------|-----------------|-------------|-----------------|
|              |                 |             |                 |